

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

CONFIRMATION NUMBER
6444

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)
10/588,286

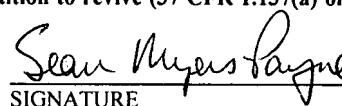
INTERNATIONAL APPLICATION NO. PCT/JP2005/002093	INTERNATIONAL FILING DATE 04 February 2005	PRIORITY DATE CLAIMED 04 February 2004
TITLE OF INVENTION METHOD FOR PRODUCING ALCOHOL AND CARBOXYLIC ACID HAVING OPTICAL ACTIVITY		
APPLICANT(S) FOR DO/EO/US Yasumasa DEKISHIMA, Hiroshi KAWABATA, Hirotoshi HIRAOKA, Makoto UEDA, and Hisatoshi UEHARA		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information.

1. This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
2. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
3. This is an express request to promptly begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (23) indicated below.
4. The US has been elected (PCT Article 31).
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. is attached hereto (required only if not communicated by the International Bureau).
 - b. has been communicated by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. is attached hereto.
 - b. has been previously submitted under 35 U.S.C. 154(d)(4).
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. are attached hereto (required only if not communicated by the International Bureau).
 - b. have been communicated by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 22 below concern other document(s) or information included:

11. Assignee: API Corporation, of Osaka, Japan
12. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
13. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
14. A FIRST preliminary amendment.
 A SECOND or SUBSEQUENT preliminary amendment.
15. An Application Data Sheet under 37 C.F.R. 1.76.
16. A substitute specification.
17. A power of attorney and/or change of address letter.
18. Figure of Drawing to be published:
19. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.
20. A second copy of the published international application under 35 U.S.C. 154(d)(4).
21. A second copy of the English language translation of the international of the international application under 35 U.S.C. 154(d)(4).
22. Other items or information:
Supplemental Preliminary Amendment
Statement to Support Filing and Submission in Accordance with 37 C.F.R. §§ 1.821-1.825.
Paper copy of sequence listing (9 pages).
Notification of Defective Response Formalities Letter (PCT/DO/EO/916).

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/588,286		INTERNATIONAL APPLICATION NO. PCT/JP2005/002093		ATTORNEY'S DOCKET NUMBER P30416													
<p>23 <input type="checkbox"/> The following fees are submitted:</p> <table> <tr> <td>Basic national fee.....</td> <td>300.00</td> <td>CALCULATIONS</td> <td>PTO USE ONLY</td> </tr> </table> <p>24 <input type="checkbox"/> Examination Fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33 (1)-(4).....0.00</p> <table> <tr> <td>All other situations.....</td> <td>200.00</td> <td>\$ 0.00</td> <td></td> </tr> </table> <p>25 <input type="checkbox"/> Search fee Search fee (37 CFR 1.445(a) (2)) has been paid on the international application to the USPTO as an International Searching Authority.....0.00</p> <table> <tr> <td>International Search Report prepared and provided to the Office.....</td> <td>400.00</td> <td>\$ 0.00</td> <td></td> </tr> </table> <p>All other situations.....500.00</p>				Basic national fee.....	300.00	CALCULATIONS	PTO USE ONLY	All other situations.....	200.00	\$ 0.00		International Search Report prepared and provided to the Office.....	400.00	\$ 0.00		TOTAL 23, 24 and 25 =	\$ 0.00
Basic national fee.....	300.00	CALCULATIONS	PTO USE ONLY														
All other situations.....	200.00	\$ 0.00															
International Search Report prepared and provided to the Office.....	400.00	\$ 0.00															
<input type="checkbox"/> Additional Fee for Specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.																	
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE														
-100=	/50 =		x \$250.00	\$ 0.00													
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).				\$130.00													
Claims	Number Filed	Number Extra	Rate														
Total Claims	19	- 20 =	0	x \$50.00	\$ 0.00												
Independent Claims	10	- 10 =	0	x \$200.00	\$ 0.00												
Multiple Dependent Claim(s) (if applicable)				+ \$360.00	\$ 0.00												
TOTAL OF ABOVE CALCULATIONS =				\$ 0.00													
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½ .				\$ 0.00													
				SUBTOTAL =	\$ 0.00												
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (i)).				\$ 0.00													
Extension of Time fee in the amount of \$				\$ 0.00													
				TOTAL NATIONAL FEE =	\$ 0.00												
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$ 0.00													
				TOTAL FEES ENCLOSED =	\$ 0.00												
				Amount to be refunded	\$												
				Charged	\$												
a. <input type="checkbox"/> A payment in the amount of \$ _____ to cover the above fees is included. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. c. <input checked="" type="checkbox"/> The U.S. Patent and Trademark Office is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-0089</u> . d. <input checked="" type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.																	
SEND ALL CORRESPONDENCE TO CUSTOMER NO. 07055 AT THE PRESENT ADDRESS OF:																	
Bruce H. Bernstein GREENBLUM & BERNSTEIN, P.L.C. 1950 Roland Clark Place Reston, VA 20191 (703) 716-1191																	
 SIGNATURE Bruce H. Bernstein NAME 42,920 REGISTRATION NUMBER																	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Yasumasa DEKISHIMA et al. **Mail Stop PCT**
Confirmation No. 6444

Appl. No. : 10/588,286 (National Stage of PCT/JP2005/002093)

I. A. Filed : February 4, 2005

For : METHOD FOR PRODUCING ALCOHOL AND CARBOXYLIC ACID
HAVING OPTICAL ACTIVITY

COVER LETTER

Mail Stop PCT
Commissioner for Patents
U.S. Patent and Trademark Office
Customer Service Window, Mail Stop PCT
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir:

In order to comply with the requirements (copy enclosed) for the submission of an executed Declaration set forth in the Notification mailed August 27, 2007 which sets a one-month period of response until September 27, 2007, Applicants hereby submit:

- Transmittal Letter to the United States Designated/Elected Office Concerning a Filing Under 35 U.S.C. 371;
- a Supplemental Preliminary Amendment;
- a Statement to Support Filing and Submission in Accordance with 37 C.F.R. §§ 1.821-1.825;
- a diskette containing sequence listing; and
- Paper copy of sequence listing (9 pages).

The U.S. Patent and Trademark Office is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 19-0089.

Should the Examiner have any questions, he is invited to contact the undersigned at the below-listed number.

Respectfully submitted,
Yasumasa DEKISHIMA et al.

Sean Myers Payne
Bruce H. Bernstein
Reg. No. 29,027 42,920

September 27, 2007
GREENBLUM & BERNSTEIN, P.L.C.
1950 Roland Clarke Place
Reston, VA 20191
(703) 716-1191



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/588,286	Yasukata Dekishima	P30416

7055
 GREENBLUM & BERNSTEIN, P.L.C.
 1950 ROLAND CLARKE PLACE
 RESTON, VA 20191

KCV

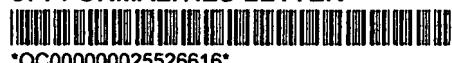
RECEIVED

AUG 31 2007

GREENBLUM & BERNSTEIN PLC

Date Mailed: 08/27/2007

CONFIRMATION NO. 6444
 371 FORMALITIES LETTER



OC000000025526616

NOTIFICATION OF DEFECTIVE RESPONSE

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495)

- Priority Document
- Copy of the International Application filed on 08/04/2006
- English Translation of the IA filed on 08/04/2006
- Copy of the International Search Report filed on 08/04/2006
- Preliminary Amendments filed on 08/04/2006
- Information Disclosure Statements filed on 08/15/2007
- Oath or Declaration filed on 07/09/2007
- Biochemical Sequence Listing filed on 08/04/2006
- Request for Immediate Examination filed on 08/04/2006
- U.S. Basic National Fees filed on 08/04/2006
- Priority Documents filed on 08/04/2006

Applicant's response filed 08/15/2007 is hereby acknowledged. The following requirements set forth in the NOTIFICATION of MISSING REQUIREMENTS mailed 04/09/2007 have not been completed.

- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR

1.136, but the period for response set in the Notification of Missing Requirements may be extended under 37 CFR 1.136(a).

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ ebc@uspto.gov

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

SHELBY J VIGIL

Telephone: (703) 308-9140 EXT 224

PART 2 - OFFICE COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/588,286	PCT/JP05/02093	P30416

FORM PCT/DO/EO/916 (371 Formalities Notice)